

.410 Dia., 220 Gr. FPJ Match

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS	MUZZLE	25	50	75	100	125	150	250
MAXIMUM POINT BLANK RANGE IS 130 YARDS. SET ZERO AT 110 YARDS.								
VELOCITY FPS	1700	1613	1530	1451	1378	1309	1247	1073
ENERGY FT-LB	1411	1270	1143	1029	927	838	760	562
DROP INCHES	.00	-.38	-1.60	-3.75	-6.92	-11.25	-16.83	-54.42
BULLET PATH (20 YDS)	-.80	.12	.21	-.64	-2.52	-5.54	-9.82	-42.20
INCHES (30 YDS)	-.80	-.05	-.14	-1.16	-3.20	-6.40	-10.85	-43.92
(ZERO RANGE) (40 YDS)	-.80	-.05	-.14	-1.16	-3.21	-6.40	-10.86	-43.93
(50 YDS)	-.80	.02	.00	-.95	-2.93	-6.05	-10.44	-43.23
MPBR ZERO (110 YDS)	-.80	.93	1.83	1.80	.74	-1.47	-4.94	-34.06
WIND DRIFT (10 MPH)	.00	.21	.84	1.94	3.50	5.57	8.13	23.01
INCHES (20 MPH)	.00	.41	1.69	3.87	7.01	11.13	16.26	46.03

MAXIMUM POINT BLANK RANGE IS 125 YARDS. SET ZERO AT 105 YARDS.								
VELOCITY FPS	1600	1517	1440	1367	1299	1238	1184	1039
ENERGY FT-LB	1250	1125	1012	913	825	748	685	527
DROP INCHES	.00	-.43	-1.81	-4.24	-7.82	-12.70	-18.99	-60.81
BULLET PATH (20 YDS)	-.80	.11	.07	-1.01	-3.26	-6.79	-11.74	-48.20
INCHES (30 YDS)	-.80	-.04	-.23	-1.47	-3.86	-7.55	-12.65	-49.71
(ZERO RANGE) (40 YDS)	-.80	-.02	-.19	-1.40	-3.78	-7.44	-12.52	-49.50
(50 YDS)	-.80	.07	.00	-1.12	-3.40	-6.97	-11.96	-48.56
MPBR ZERO (105 YDS)	-.80	1.03	1.91	1.74	.42	-2.20	-6.23	-39.02
WIND DRIFT (10 MPH)	.00	.22	.90	2.06	3.71	5.87	8.53	23.36
INCHES (20 MPH)	.00	.44	1.80	4.12	7.43	11.74	17.06	46.71

MAXIMUM POINT BLANK RANGE IS 120 YARDS. SET ZERO AT 100 YARDS.								
VELOCITY FPS	1500	1423	1351	1285	1225	1174	1131	1007
ENERGY FT-LB	1098	989	892	807	733	673	625	495
DROP INCHES	.00	-.50	-2.06	-4.82	-8.89	-14.41	-21.50	-67.97
BULLET PATH (20 YDS)	-.80	.10	-.08	-1.44	-4.12	-8.25	-13.95	-54.84
INCHES (30 YDS)	-.80	-.03	-.33	-1.82	-4.63	-8.88	-14.70	-56.11
(ZERO RANGE) (40 YDS)	-.80	.02	-.24	-1.68	-4.44	-8.65	-14.43	-55.64
(50 YDS)	-.80	.14	.00	-1.32	-3.96	-8.05	-13.71	-54.45
MPBR ZERO (100 YDS)	-.80	1.13	1.98	1.65	.00	-3.10	-7.77	-44.54
WIND DRIFT (10 MPH)	.00	.24	.95	2.17	3.89	6.10	8.76	23.23
INCHES (20 MPH)	.00	.47	1.91	4.34	7.78	12.21	17.51	46.45

MAXIMUM POINT BLANK RANGE IS 110 YARDS. SET ZERO AT 90 YARDS.								
VELOCITY FPS	1400	1329	1265	1207	1160	1119	1083	976
ENERGY FT-LB	957	863	782	712	657	611	573	466
DROP INCHES	.00	-.57	-2.36	-5.52	-10.16	-16.41	-24.40	-75.92
BULLET PATH (20 YDS)	-.80	.08	-.26	-1.97	-5.16	-9.96	-16.50	-62.22
INCHES (30 YDS)	-.80	-.01	-.46	-2.25	-5.54	-10.44	-17.07	-63.18
(ZERO RANGE) (40 YDS)	-.80	.06	-.30	-2.02	-5.23	-10.06	-16.61	-62.41
(50 YDS)	-.80	.21	.00	-1.57	-4.63	-9.30	-15.71	-60.91
MPBR ZERO (90 YDS)	-.80	1.11	1.79	1.11	-1.05	-4.83	-10.34	-51.96
WIND DRIFT (10 MPH)	.00	.25	1.00	2.25	3.98	6.14	8.70	22.48
INCHES (20 MPH)	.00	.49	1.99	4.50	7.95	12.27	17.40	44.96

MAXIMUM POINT BLANK RANGE IS 105 YARDS. SET ZERO AT 85 YARDS.								
VELOCITY FPS	1300	1238	1184	1141	1102	1068	1039	947
ENERGY FT-LB	825	749	685	635	593	557	527	438
DROP INCHES	.00	-.66	-2.73	-6.36	-11.64	-18.72	-27.69	-84.73
BULLET PATH (20 YDS)	-.80	.06	-.49	-2.59	-6.36	-11.91	-19.36	-70.32
INCHES (30 YDS)	-.80	.01	-.61	-2.77	-6.59	-12.20	-19.71	-70.90
(ZERO RANGE) (40 YDS)	-.80	.12	-.38	-2.42	-6.13	-11.63	-19.02	-69.75
(50 YDS)	-.80	.31	.00	-1.85	-5.38	-10.68	-17.89	-67.86
MPBR ZERO (85 YDS)	-.80	1.21	1.80	.84	-1.78	-6.19	-12.50	-58.87
WIND DRIFT (10 MPH)	.00	.25	1.00	2.21	3.83	5.84	8.21	20.96
INCHES (20 MPH)	.00	.51	2.01	4.41	7.65	11.68	16.43	41.91

MAXIMUM POINT BLANK RANGE IS 100 YARDS. SET ZERO AT 80 YARDS.

VELOCITY FPS		1200	1154	1113	1078	1048	1020	996	916
ENERGY FT-LB		703	650	606	568	536	508	484	409
DROP INCHES		.00	-.77	-3.17	-7.31	-13.33	-21.31	-31.38	-94.51
BULLET PATH	(20 YDS)	-.80	.04	-.75	-3.28	-7.68	-14.06	-22.51	-79.20
INCHES	(30 YDS)	-.80	.03	-.78	-3.33	-7.74	-14.13	-22.61	-79.36
(ZERO RANGE)	(40 YDS)	-.80	.18	-.46	-2.85	-7.11	-13.35	-21.66	-77.78
	(50 YDS)	-.80	.41	.00	-2.16	-6.19	-12.19	-20.28	-75.47
MPBR ZERO	(80 YDS)	-.80	1.29	1.76	.48	-2.67	-7.79	-15.00	-66.68
WIND DRIFT	(10 MPH)	.00	.22	.86	1.91	3.33	5.09	7.18	18.56
INCHES	(20 MPH)	.00	.44	1.73	3.82	6.65	10.18	14.36	37.11

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
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MAXIMUM POINT BLANK RANGE IS 90 YARDS. SET ZERO AT 75 YARDS.

VELOCITY FPS		1100	1086	1072	1060	1048	1037	1011	987
ENERGY FT-LB		590	576	562	549	537	525	499	476
DROP INCHES		.00	-.14	-.58	-1.32	-2.36	-3.73	-5.56	-15.51
BULLET PATH	(20 YDS)	-.80	-.25	.00	-.05	-.41	-1.08	-4.19	-9.42
INCHES	(30 YDS)	-.80	-.24	.03	.00	-.34	-1.00	-4.07	-9.26
(ZERO RANGE)	(40 YDS)	-.80	-.15	.20	.26	.00	-.57	-3.43	-8.41
	(50 YDS)	-.80	-.04	.43	.60	.46	.00	-2.57	-7.26
MPBR ZERO	(75 YDS)	-.80	.31	1.12	1.63	1.83	1.71	.00	-3.84
WIND DRIFT	(10 MPH)	.00	.03	.12	.27	.48	.74	1.63	2.85
INCHES	(20 MPH)	.00	.06	.24	.54	.96	1.48	3.27	5.69

MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.

VELOCITY FPS		1000	990	981	972	964	956	936	918
ENERGY FT-LB		488	479	470	462	454	446	428	412
DROP INCHES		.00	-.17	-.69	-1.58	-2.83	-4.46	-10.18	-18.38
BULLET PATH	(20 YDS)	-.80	-.22	.00	-.14	-.64	-1.52	-5.38	-11.70
INCHES	(30 YDS)	-.80	-.18	.09	.00	-.46	-1.29	-5.03	-11.25
(ZERO RANGE)	(40 YDS)	-.80	-.06	.32	.34	.00	-.72	-4.17	-10.10
	(50 YDS)	-.80	.08	.61	.77	.57	.00	-3.10	-8.67
MPBR ZERO	(70 YDS)	-.80	.41	1.26	1.75	1.88	1.63	-.65	-5.40
WIND DRIFT	(10 MPH)	.00	.02	.10	.22	.39	.61	1.36	2.38
INCHES	(20 MPH)	.00	.05	.20	.44	.79	1.22	2.71	4.77

MAXIMUM POINT BLANK RANGE IS 80 YARDS. SET ZERO AT 65 YARDS.

VELOCITY FPS		900	892	885	877	870	863	847	831
ENERGY FT-LB		395	388	382	376	370	364	350	337
DROP INCHES		.00	-.20	-.84	-1.93	-3.46	-5.45	-12.48	-22.53
BULLET PATH	(20 YDS)	-.80	-.18	.00	-.26	-.97	-2.14	-7.12	-15.12
INCHES	(30 YDS)	-.80	-.10	.17	.00	-.62	-1.71	-6.46	-14.25
(ZERO RANGE)	(40 YDS)	-.80	.06	.49	.47	.00	-.93	-5.29	-12.69
	(50 YDS)	-.80	.25	.86	1.02	.74	.00	-3.90	-10.84
MPBR ZERO	(65 YDS)	-.80	.55	1.47	1.94	1.96	1.53	-1.61	-7.78
WIND DRIFT	(10 MPH)	.00	.02	.10	.22	.40	.62	1.38	2.45
INCHES	(20 MPH)	.00	.05	.20	.45	.79	1.24	2.77	4.90

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.

VELOCITY FPS		800	794	788	782	777	771	758	745
ENERGY FT-LB		312	308	303	299	295	290	280	271
DROP INCHES		.00	-.24	-1.03	-2.38	-4.29	-6.78	-15.57	-28.14
BULLET PATH	(20 YDS)	-.80	-.13	.00	-.43	-1.43	-3.00	-9.50	-19.78
INCHES	(30 YDS)	-.80	.02	.29	.00	-.85	-2.28	-8.42	-18.34
(ZERO RANGE)	(40 YDS)	-.80	.23	.71	.64	.00	-1.22	-6.82	-16.21
	(50 YDS)	-.80	.47	1.20	1.37	.97	.00	-5.00	-13.78
MPBR ZERO	(55 YDS)	-.80	.60	1.46	1.75	1.48	.64	-4.04	-12.49
WIND DRIFT	(10 MPH)	.00	.02	.10	.22	.39	.61	1.36	2.43
INCHES	(20 MPH)	.00	.05	.19	.44	.77	1.21	2.73	4.86

MAXIMUM POINT BLANK RANGE IS 60 YARDS. SET ZERO AT 50 YARDS.

VELOCITY FPS		700	695	690	685	681	676	665	654
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ENERGY FT-LB	239	236	232	229	226	223	216	209
DROP INCHES	.00	-.31	-1.34	-3.10	-5.59	-8.84	-20.29	-36.64
BULLET PATH (20 YDS)	-.80	-.04	.00	-.69	-2.11	-4.29	-13.06	-26.74
INCHES (30 YDS)	-.80	.19	.46	.00	-1.20	-3.14	-11.34	-24.44
(ZERO RANGE) (40 YDS)	-.80	.49	1.06	.90	.00	-1.65	-9.10	-21.45
(50 YDS)	-.80	.82	1.71	1.88	1.32	.00	-6.63	-18.16
MPBR ZERO (40 YDS)	-.80	.82	1.71	1.88	1.32	.00	-6.63	-18.16
WIND DRIFT (10 MPH)	.00	.03	.10	.23	.41	.65	1.46	2.62
INCHES (20 MPH)	.00	.05	.21	.46	.83	1.30	2.93	5.23

MAXIMUM POINT BLANK RANGE IS 50 YARDS. SET ZERO AT 40 YARDS.

VELOCITY FPS	600	595	591	588	584	580	570	561
ENERGY FT-LB	175	173	171	168	166	164	158	153
DROP INCHES	.00	-.42	-1.83	-4.22	-7.61	-12.03	-27.61	-49.86
BULLET PATH (20 YDS)	-.80	.09	.00	-1.08	-3.16	-6.26	-18.56	-37.53
INCHES (30 YDS)	-.80	.45	.72	.00	-1.72	-4.47	-15.86	-33.93
(ZERO RANGE) (40 YDS)	-.80	.88	1.58	1.29	.00	-2.31	-12.63	-29.62
(50 YDS)	-.80	1.34	2.51	2.68	1.85	.00	-9.17	-25.00
MPBR ZERO (40 YDS)	-.80	.88	1.58	1.29	.00	-2.31	-12.63	-29.62
WIND DRIFT (10 MPH)	.00	.03	.12	.27	.48	.75	1.70	3.03
INCHES (20 MPH)	.00	.06	.24	.54	.96	1.50	3.39	6.07